

SAMSON

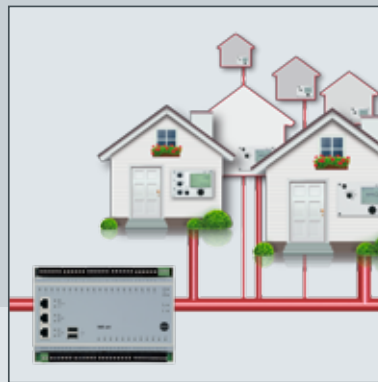
SAMSON



Smart Local Heating

SAMSON goes green

TROVIS HEATING NETWORK 60



SMART IN FLOW CONTROL.

HEAT GENERATION

- Integrated automation of the heating station on customer request
- Features include pump and start-up control in the network
- Connection of 48 customers with automation of the heating station or 60 customers without automation of the heating station
- Processing of 60 physical data points in the heating station
- Connection of heat meters in the heating station using meter bus



CVS export



Internet



Smartphone



E-mail

HEAT DISTRIBUTION

- For 60 substations
- Plain-text names of customers or streets
- Connection of customers with feedback
- Communication with the connected SAMSON controllers using Modbus RTU
- Automatic visualization of the selected plant scheme
- Manual adjustment of the most important parameters, such as set points, pumps and control valves



Simple start-up

SERVICE



Simple assessment of accumulated heat

Heat meter readings are saved per year, month or hour in CSV format, which allows them to be opened and edited in all commonly available billing and spreadsheet programs.



On-site and remote access

Network operators can access and adapt the heat distribution from any computer using a password-protected Internet connection.



Mobile access

Apps are available for Android and iOS that enable access to the heat distribution using smartphones or other mobile devices.



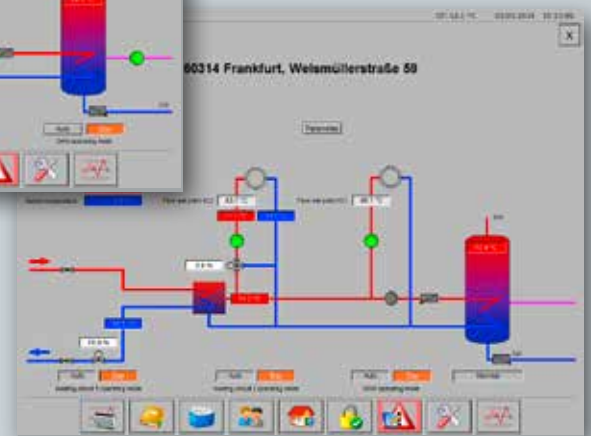
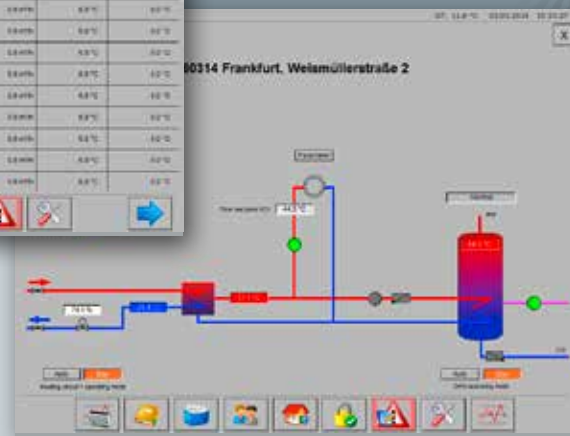
Reliable operation

The integrated e-mail client quickly and reliably alerts plant operators in case a centralized fault exists.

FULLY FLEDGED GRAPHICAL USER INTERFACE

- Web terminal with touch screen
- Automatic configuration to the selected plant scheme

Adresse	Operational mode	Accumulated energy	Flow rate	Flow temperature	Return flow temp.
60314 Frankfurt, Weismüllerstraße 1	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 2	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 3	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 4	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 5	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 6	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 7	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 8	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 9	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 10	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 11	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 12	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 13	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 14	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 15	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 16	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 17	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C
60314 Frankfurt, Weismüllerstraße 18	OK	0.0 kWh	0.0 m³/h	0.0 °C	0.0 °C





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Smart Local Heating



● Production sites ● Subsidiaries

All features at a glance

- All-in-one solution for local heat networks (biogas plants, combined heat and power plants etc.)
- Ideal for small networks (e.g. 60 customers)
- Planning certainty due to fixed price
- No programming required
- No computer required
- Automatic remote web visualization
- Display of recorded heat energy
- Apps for Android and iOS
- Supplied heat saved in CSV files
- E-mail notification in the event of a centralized fault

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